Title (en)

LARGE SCALE MOBILE NETWORK ADDRESS TRANSLATION

Title (de)

MOBILNETZ-ADRESSENÜBERSETZUNG AUF GROSSEM MASSSTAB

Title (fr)

TRADUCTION D'ADRESSE DE RÉSEAU MOBILE À GRANDE ÉCHELLE

Publication

EP 2132918 A1 20091216 (EN)

Application

EP 07734205 A 20070404

Priority

IB 2007000884 W 20070404

Abstract (en)

[origin: WO2008122828A1] A method and system for enabling a mobile station (MS) to transfer from one Network Address Translation (NAT) domain to another NAT domain. Dynamic rules created in the first NAT domain are transferred to the second NAT domain via a first Media Policy Routing function. A tunnel is created between the second NAT domain and the first MPR for transferring a MS session. A new session from the MS is created outside the tunnel and once the MS session times out, the MS session, the states existing in the first MPR and the second NAT domain utilizing a new set of dynamic NAT rules created in the second NAT domain are all removed. The tunnel is then removed and communication via a second MPR and the second NAT domain is available.

IPC 8 full level

H04L 29/12 (2006.01)

CPC (source: EP US)

H04L 45/308 (2013.01 - EP US); **H04L 61/2532** (2013.01 - EP US); **H04L 61/255** (2013.01 - EP US); **H04L 61/2592** (2013.01 - EP US); **H04L 63/0272** (2013.01 - EP US); H04W 40/36 (2013.01 - EP US); H04W 80/04 (2013.01 - EP US)

Citation (search report)

See references of WO 2008122828A1

Cited by

US10932165B2; WO2017131565A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

WO 2008122828 A1 20081016; AT E483317 T1 20101015; DE 602007009575 D1 20101111; EP 2132918 A1 20091216; EP 2132918 B1 20100929; JP 2010524320 A 20100715; JP 4921587 B2 20120425; US 2010121985 A1 20100513; US 7908386 B2 20110315

DOCDB simple family (application)

IB 2007000884 W 20070404; AT 07734205 T 20070404; DE 602007009575 T 20070404; EP 07734205 A 20070404; JP 2010501601 A 20070404; US 59472307 A 20070404